



112603

November 26, 2003

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YISUN SONG
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EMAIL: YSONG@HUNTON.COM

FILE NO: 56162.000510

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: **56162.000510**

First Named Inventor: **Albert Rapaport**

Title: **Method And System For Selecting An Optimal Asymmetric Digital Subscriber Line Mode**

Customer No. **21967**

TO: **MAIL STOP PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. Fee Transmittal Form (original and duplicate)
2. Small Entity Status Claimed: Independent Inventor
 Small Business Concern
 Non-Profit Organization
 Statement Enclosed
 Statement Filed in Prior Application; Status Still Proper and Desired
3. Specification - Total Pages: 20 (Including Abstract)

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MAIL STOP PATENT APPLICATION

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| CLAIMS AS FILED | | | | | | |
|---|--------------|------------------|-------|--------------|--------------|-----------|
| | Claims Filed | Basic Fee Claims | Extra | Rate | | Amount |
| | | | | Large Entity | Small Entity | |
| Total Claims | 24 | 20 | 4 | \$ 18.00 | \$ 9.00 | \$ 72.00 |
| Independent Claims | 3 | 3 | 0 | \$ 86.00 | \$ 43.00 | \$ 0.00 |
| First Presentation of Multiple Dependent Claims | | | | \$ 290.00 | \$ 145.00 | \$ 0.00 |
| BASIC FEE | | | | \$ 770.00 | \$ 385.00 | \$ 770.00 |
| TOTAL FILING FEE | | | | | | \$ 842.00 |
| Assignment Recordation Fee | | | | | | \$ 40.00 |
| TOTAL AMOUNT | | | | | | \$ 882.00 |

4. Drawings - Total Sheets: 4 (Fig(s). 1-4)
5. Oath or Declaration - Total Pages: 3
- a. Newly executed (original or copy)
 New (unexecuted)
- b. Copy from a prior application
 (for continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(s):
 Signed statement attached deleting inventor(s) named in prior application.
6. Application Data Sheet
7. CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. CD-ROM or CD-R (two copies); or

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MAIL STOP PATENT APPLICATION

November 26, 2003

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ii. Paper Copy (identical to computer copy)

c. Statements verifying identity of above copies

9. Assignee/Applicant: GlobespanVirata Incorporated

Assignment and Assignment Recordation Form Submitted Herewith

Assignee of Record in Prior Application No. _____ :

recorded on _____ at Reel _____, Frame _____.

10. 37 C.F.R. 3.73(b) Statement Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement with PTO-1449 and References

Copies of Information Disclosure Statement Citations

13. Preliminary Amendment

14. Return Receipt Postcard

15. Priority is Claimed as Follows:

Claim Benefit of the Following U.S. Provisional Application No(s).:

If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith

16. Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.

17. Other: _____

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November 26, 2003

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18. Continuation Divisional Continuation-in-Part of
Prior Application No.: _____ filed _____

Prior application information: Examiner _____ Group Art Unit _____

- Incorporation By Reference (useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers.
- Complete Application Based on Provisional Application No.: _____
filed _____

19. Please address all correspondence to:

CUSTOMER NUMBER 21967

Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109

20. A new power of attorney or authorization of agent (PTO/SB/81) is as follows:
- The power of attorney is : the Hunton & Williams LLP attorneys and agents associated with **CUSTOMER NUMBER 21967**.
- Please remove as power of attorney:
- Please add as power of attorney:
21. Two checks totaling the amount of \$ 882.00 are enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-0206**.

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WILLIAMS**

MAIL STOP PATENT APPLICATION

November 26, 2003

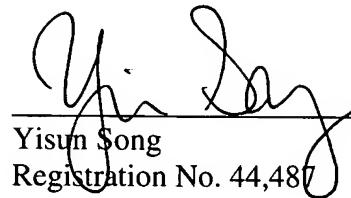
Page 5



The U.S. Patent and Trademark Office is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206**.

Respectfully submitted,

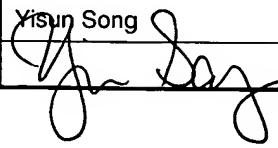
By:



Yisun Song

Registration No. 44,487

YS/vrp
Enclosures

| <p style="text-align: center;">FEE TRANSMITTAL</p> <p style="text-align: center;">MAIL STOP PATENT APPLICATION</p> | | <i>Complete If Known</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|---|-------|--------------------------|-------------------|--|--------------------|---|--------|--|----------------|---|------------------|--|----|---|--------------|---|------------------------|---|----|--|------------|---|----------|---|----|---|----|--|------------|---|---------------------------|--|----|---|-----------|---|---------|--|----|--|--|--|--|----------|
| | | Application No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Unassigned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Filing Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | November 26, 2003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | First Named Inventor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Albert Rapaport | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Examiner Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unassigned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group Art Unit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unassigned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount Of Payment | (\$) | 882.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attorney Docket No. | | 56162.000510 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD OF PAYMENT (check one) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. <input type="checkbox"/> The Commissioner for Patents is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP.</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner for Patents is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 50-0206 in the name of Hunton & Williams LLP, 1900 K Street, N.W., Suite 1200, Washington, D.C. 20006-1109.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3. ADDITIONAL FEES</p> <table> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td><input type="checkbox"/> _____ Month Extension of Time</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Notice of Appeal</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Request for Oral Hearing</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Design Issue Fee</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Plant Issue Fee</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Commissioner</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unavoidable)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unintentional)</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td>\$</td></tr> <tr><td><input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property</td><td>\$ 40.00</td></tr> <tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td>\$</td></tr> <tr><td><input type="checkbox"/> Other (specify) _____</td><td>\$</td></tr> </tbody> </table> | | | | Fee Description | Fee Paid | <input type="checkbox"/> Surcharge - late filing fee or oath | \$ | <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet | \$ | <input type="checkbox"/> _____ Month Extension of Time | \$ | <input type="checkbox"/> Notice of Appeal | \$ | <input type="checkbox"/> Filing Brief in Support of Appeal | \$ | <input type="checkbox"/> Request for Oral Hearing | \$ | <input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary) | \$ | <input type="checkbox"/> Design Issue Fee | \$ | <input type="checkbox"/> Plant Issue Fee | \$ | <input type="checkbox"/> Petition to Commissioner | \$ | <input type="checkbox"/> Petition to Revive (Unavoidable) | \$ | <input type="checkbox"/> Petition to Revive (Unintentional) | \$ | <input type="checkbox"/> Petitions Related to Provisional Applications | \$ | <input type="checkbox"/> Submission of Information Disclosure Statement | \$ | <input type="checkbox"/> Filing Submission After Final Rejection | \$ | <input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property | \$ 40.00 | <input type="checkbox"/> Filing Request for Reexamination | \$ | <input type="checkbox"/> Other (specify) _____ | \$ | | | | | |
| Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Surcharge - late filing fee or oath | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> _____ Month Extension of Time | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Notice of Appeal | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Brief in Support of Appeal | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Request for Oral Hearing | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Design Issue Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Plant Issue Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Commissioner | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Revive (Unavoidable) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petition to Revive (Unintentional) | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Petitions Related to Provisional Applications | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Submission of Information Disclosure Statement | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Submission After Final Rejection | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Recording Each Patent Assignment Per Property | \$ 40.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Filing Request for Reexamination | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Other (specify) _____ | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FEE CALCULATION</p> <p>1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity</p> <table> <thead> <tr> <th colspan="2"></th> <th><u>FEE PAID</u></th> </tr> </thead> <tbody> <tr><td>Utility Filing Fee</td><td>\$</td><td>770.00</td></tr> <tr><td>Design Filing Fee</td><td>\$</td><td></td></tr> <tr><td>Plant Filing Fee</td><td>\$</td><td></td></tr> <tr><td>Reissue Filing Fee</td><td>\$</td><td></td></tr> <tr><td>Provisional Filing Fee</td><td>\$</td><td></td></tr> </tbody> </table> | | | | | | <u>FEE PAID</u> | Utility Filing Fee | \$ | 770.00 | Design Filing Fee | \$ | | Plant Filing Fee | \$ | | Reissue Filing Fee | \$ | | Provisional Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <u>FEE PAID</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Filing Fee | \$ | 770.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reissue Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisional Filing Fee | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2. EXTRA CLAIMS FEES</p> <table> <thead> <tr> <th colspan="6">CLAIMS AS AMENDED</th> </tr> <tr> <th rowspan="2">For</th> <th rowspan="2">Number Present</th> <th rowspan="2">Highest Number Paid For</th> <th rowspan="2">Extra</th> <th colspan="2">Rate</th> <th rowspan="2">Amount</th> </tr> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr><td>TOTAL CLAIMS</td><td>24</td><td>20</td><td>4</td><td>x \$ 18.00</td><td>x \$ 9.00</td><td>\$ 72.00</td></tr> <tr><td>INDEPENDENT CLAIMS</td><td>3</td><td>3</td><td>0</td><td>x \$ 86.00</td><td>x \$ 43.00</td><td>\$ 0.00</td></tr> <tr><td colspan="4">MULTIPLE DEPENDENT CLAIMS</td><td>\$ 290.00</td><td>\$ 145.00</td><td>\$ 0.00</td></tr> <tr><td colspan="6">TOTAL EXTRA CLAIMS FEES</td><td>\$ 72.00</td></tr> </tbody> </table> | | | | CLAIMS AS AMENDED | | | | | | For | Number Present | Highest Number Paid For | Extra | Rate | | Amount | Large Entity | Small Entity | TOTAL CLAIMS | 24 | 20 | 4 | x \$ 18.00 | x \$ 9.00 | \$ 72.00 | INDEPENDENT CLAIMS | 3 | 3 | 0 | x \$ 86.00 | x \$ 43.00 | \$ 0.00 | MULTIPLE DEPENDENT CLAIMS | | | | \$ 290.00 | \$ 145.00 | \$ 0.00 | TOTAL EXTRA CLAIMS FEES | | | | | | \$ 72.00 |
| CLAIMS AS AMENDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| For | Number Present | Highest Number Paid For | Extra | Rate | | Amount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Large Entity | Small Entity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CLAIMS | 24 | 20 | 4 | x \$ 18.00 | x \$ 9.00 | \$ 72.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDEPENDENT CLAIMS | 3 | 3 | 0 | x \$ 86.00 | x \$ 43.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIMS | | | | \$ 290.00 | \$ 145.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL EXTRA CLAIMS FEES | | | | | | \$ 72.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBMITTED BY | | | | Complete (if applicable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typed or Printed Name | | Yisun Song | | | Registration No. | 44,487 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature | |  | | Date | November 26, 2003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |